



# Using the Wind to Make your own Electricity

Organizations everywhere are working hard to keep expenses to a minimum in the face of mounting uncertainties—including a volatile energy landscape. With an NPS100 Wind turbine, schools, municipalities, small business, farms, and many more organizations around the world are harnessing the wind and taking the unpredictability out of electrical costs.

## 5 Reasons why organizations are making their own electricity using a wind turbine

**STABLE - AND LOWER - COST OF POWER** It is impossible to predict what will happen with the market price of electricity, but most do not believe it will be going down. When you make your own power with a wind turbine, you know what your electricity will be costing you for 20 years or more, and it is sure to be lower than what you are paying now, not to mention lower than future costs. So you can safeguard your operational budget against the volatile and increasing costs of energy, and free up money to make other investments or just realize a better bottom line.

**ENERGY INDEPENDENCE** When you make your own power, you are no longer at the whim of other forces being able to seriously impact your bottom line. Your wind turbine will help you take control of your organization's future.

**PUTTING A FACE ON "GREEN" VALUES** Many consumers and community members across the country care about the environment and are well aware of the importance of energy for our country's future. Some are even willing to put a premium on clean energy and will support businesses with sustainable and environmentally friendly business practices, but all can appreciate the value of long term cost savings and energy independence.

**EDUCATION VALUE** This is an obvious value for schools and universities, but even other types of organizations can have an interest in educating their clients and surrounding community about climate change and/or wind power.

**TAX ADVANTAGES** For an entity that has a tax credit appetite, an investment in wind power today can translate to real value, including significant investment tax credits starting in year one.

## Is Wind Power right for You?

The wind speed at your site will determine how much electricity you can make. The price you pay for electricity will determine the economic value of that electricity, as will your ability to claim tax credits. Beyond that, you will decide how much the "softer" benefits of wind power will play into your decision.

The NPS 100 wind turbine can offset utility costs in these applications:

- » Municipalities
- » Small Business
- » Schools
- » Universities
- » Farm/ Agricultural Operations

*“With these two turbines, the Village of Cascade has taken a giant step toward energy independence. Its prudent investment in wind will enable the community to control its budget, saving money for current and future residents.”*

*Michael Vickerman, Executive Director of Renew Wisconsin regarding two turbines in the Village of Cascade, WI*

## Northern Power – Your Partner for Success

Northern Power Systems has been a leader in wind power technology for over 40 years. We pioneered the Permanent Magnet Direct Drive (PMDD) technology that has since become the standard for advanced and reliable wind turbines around the world. Our turbines are designed for high performance and low maintenance and are surrounded by supporting products and services that can be tailored to fit your farm’s needs.

## Northern Power Systems’ solution set includes:

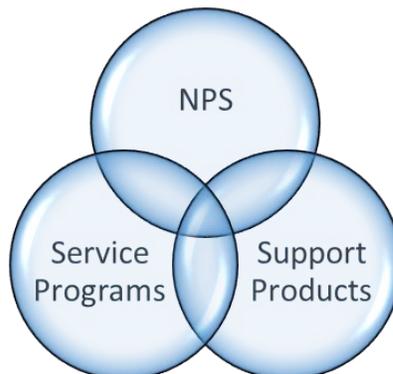
### NPS 100 Turbine

*Our low-profile turbine is made in the USA and features:*

- » *Excellent energy capture even at modest wind speeds*
- » *Low maintenance*
- » *Quiet operation*
- » *Sleek and streamlined design*

### Service Programs

- » Installation support: Project planning and development advice, Installation services, or technical support for local developers
- » Ongoing maintenance and advice so you can “set it and forget it.” Packages include remote turbine monitoring, phone support, maintenance visits at defined intervals, and more



### Support Products

Our support tools make it easy to track how your NPS is working for you:

- » Smartview: This remote monitoring and reporting tool allows you to track energy production and a number of other turbine status data points from on your office PC or from anywhere in the world
- » PublicView: This public-facing URL allows you to show off your turbine to the wide world. You can show easy-to-understand information about how your turbine is making a difference to your operations and to the world.

## Get an Estimate Today

With just an address, Northern can find out the wind speed at your site and at the height of the turbine, estimate the price you currently pay your utility per kWh (if you don’t already know), and provide you with an estimate that will start you on the path toward your decision. Contact us today.

